MRP1(Texas Red)/CEN16q(FITC) FISH Probe

Catalog # FA0581 Size 200 uL

Specification

Product Description	Made to order FISH probes for identification of gene amplification using Fluorescent In Situ Hybridization Technique. (Technology).
Origin	Human
Source	Genomic DNA
Reactivity	Human
Notice	We **strongly recommend** the customer to use FFPE FISH PreTreatment Kit 1 (Catalog #: KA2375 or KA2691) for the pretreatment of Formalin-Fixed Paraffin-Embedded (FFPE) tissue sections.
Regulation Status	For research use only (RUO)
Supplied Products	DAPI Counterstain (1500 ng/mL) 250 uL
Storage Instruction	Store at 4°C in the dark.
Self-Attestation	Abnova self-attests to comply with the U.S. Framework for Nucleic Acid Synthesis Screening

Applications

- Fluorescent In Situ Hybridization (Cell)

  Protocol Download

Gene Info — ABCC1

Entrez GeneID	4363
Gene Name	ABCC1
Gene Alias	ABC29, ABCC, DKFZp686N04233, DKFZp781G125, GS-X, MRP, MRP1

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Gene Description	ATP-binding cassette, sub-family C (CFTR/MRP), member 1
Omim ID	158343
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra-and intra-cellular membrane s. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This full transporter is a member of the MRP subfamily which is involved in multi-d rug resistance. This protein functions as a multispecific organic anion transporter, with oxidized gl utatione, cysteinyl leukotrienes, and activated aflatoxin B1 as substrates. This protein also transpo rts glucuronides and sulfate conjugates of steroid hormones and bile salts. Alternative splicing by exon deletion results in several splice variants but maintains the original open reading frame in all forms. [provided by RefSeq
Other Designations	ATP-binding cassette, sub-family C, member 1|LTC4 transporter|OTTHUMP00000045904|leukot riene C(4) transporter|multidrug resistance protein|multiple drug resistance protein 1|multiple drug resistance-associated protein

Pathway

- ABC transporters

Disease

- Adenocarcinoma
- Arthritis
- Asthma
- Atherosclerosis
- Breast cancer
- Calcinosis
- Carcinoma
- Cardiovascular Diseases
- Cerebral Hemorrhage
- Colorectal Neoplasms
- Coronary Artery Disease

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- Cystadenocarcinoma
- Cystic fibrosis
- Diabetes Mellitus
- Disease Progression
- Drug Toxicity
- Edema
- Esophageal Neoplasms
- Genetic Predisposition to Disease
- Heart Diseases
- HIV Seropositivity
- Hypertension
- Intracranial Hemorrhages
- Kidney Diseases
- Kidney Failure
- Leukemia
- Lung Neoplasms
- Multiple Myeloma
- Neutropenia
- Ovarian cancer
- Ovarian Neoplasms
- Psoriasis
- Pulmonary Disease
- Recurrence
- Stroke
- Subarachnoid Hemorrhage

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